

Fig. 1

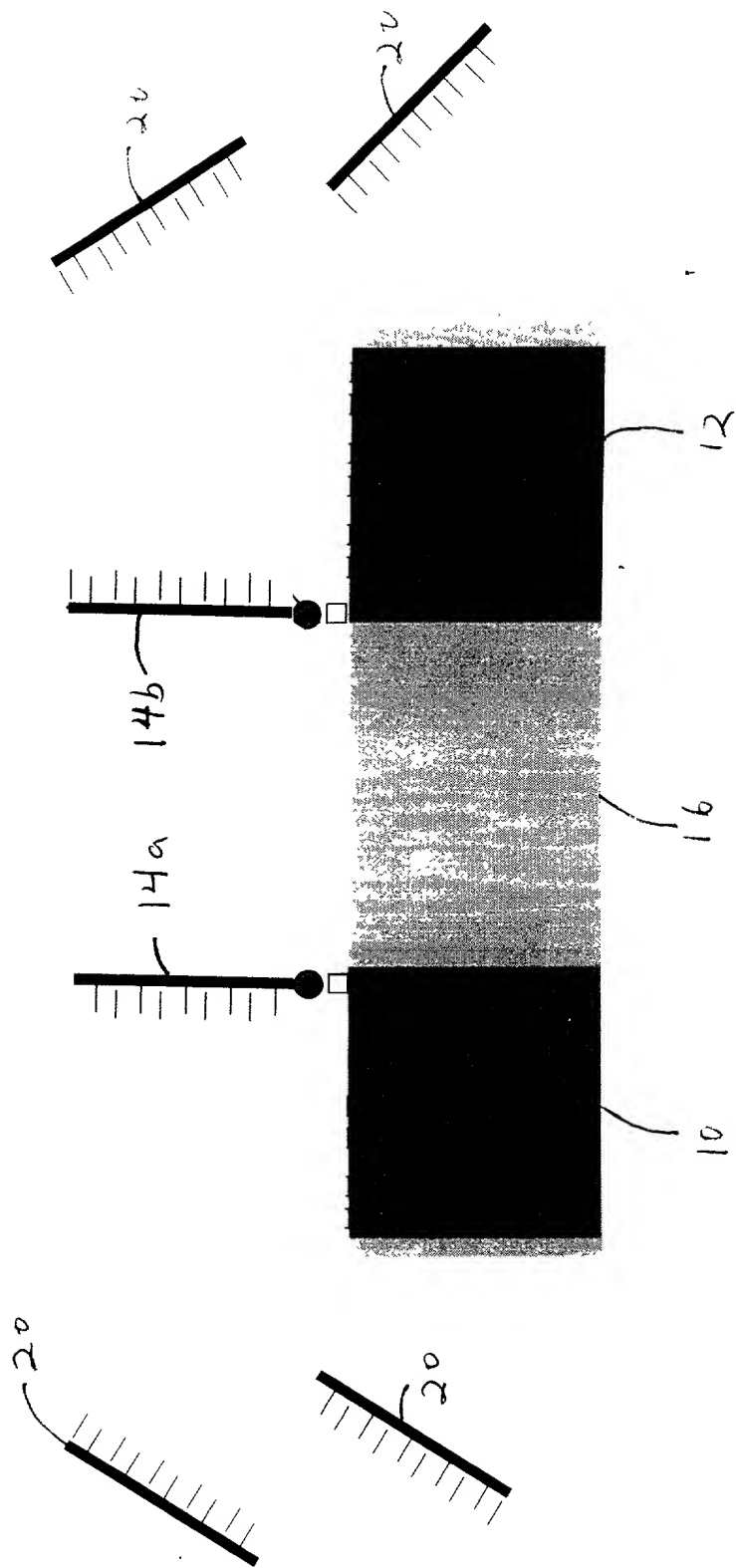
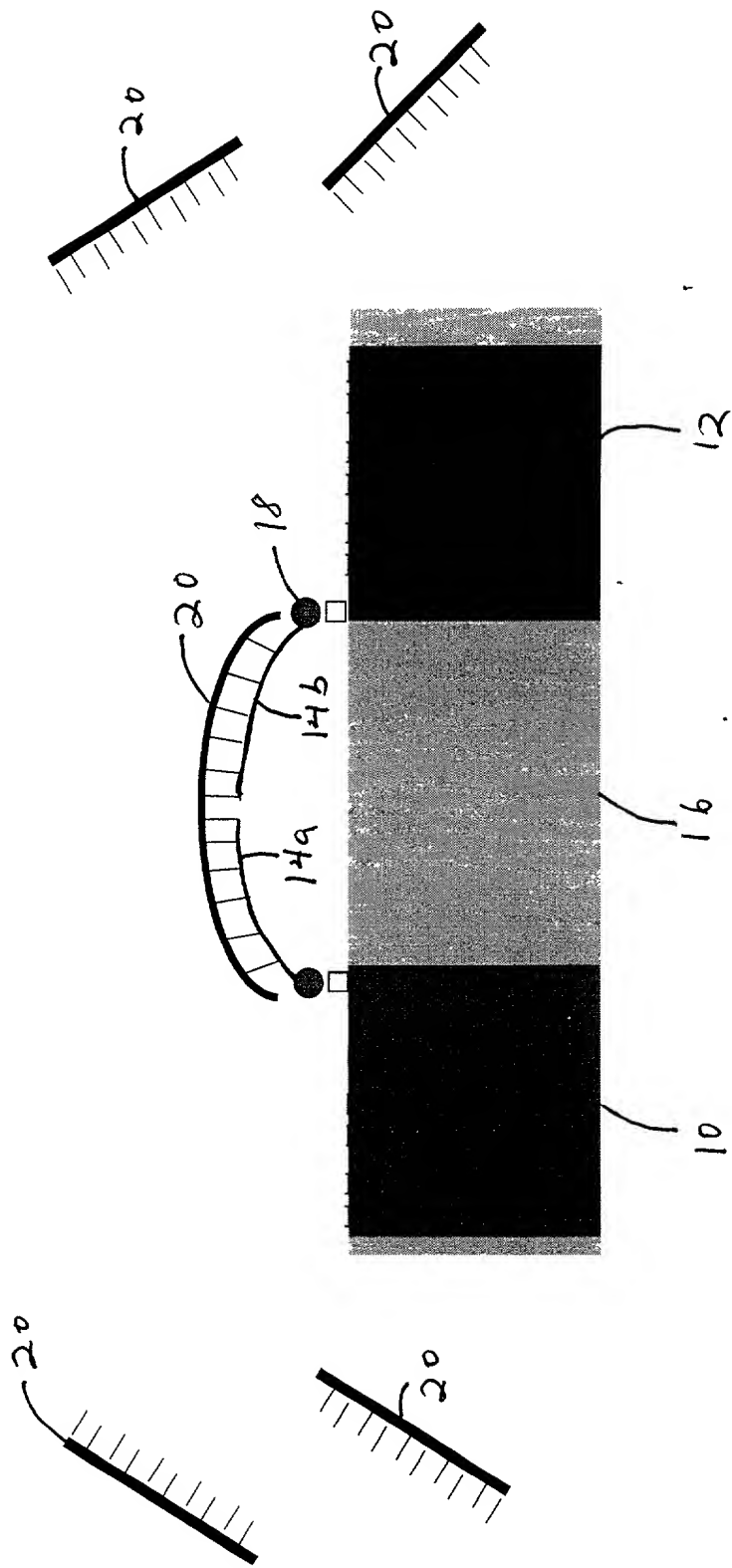


Fig. 2A



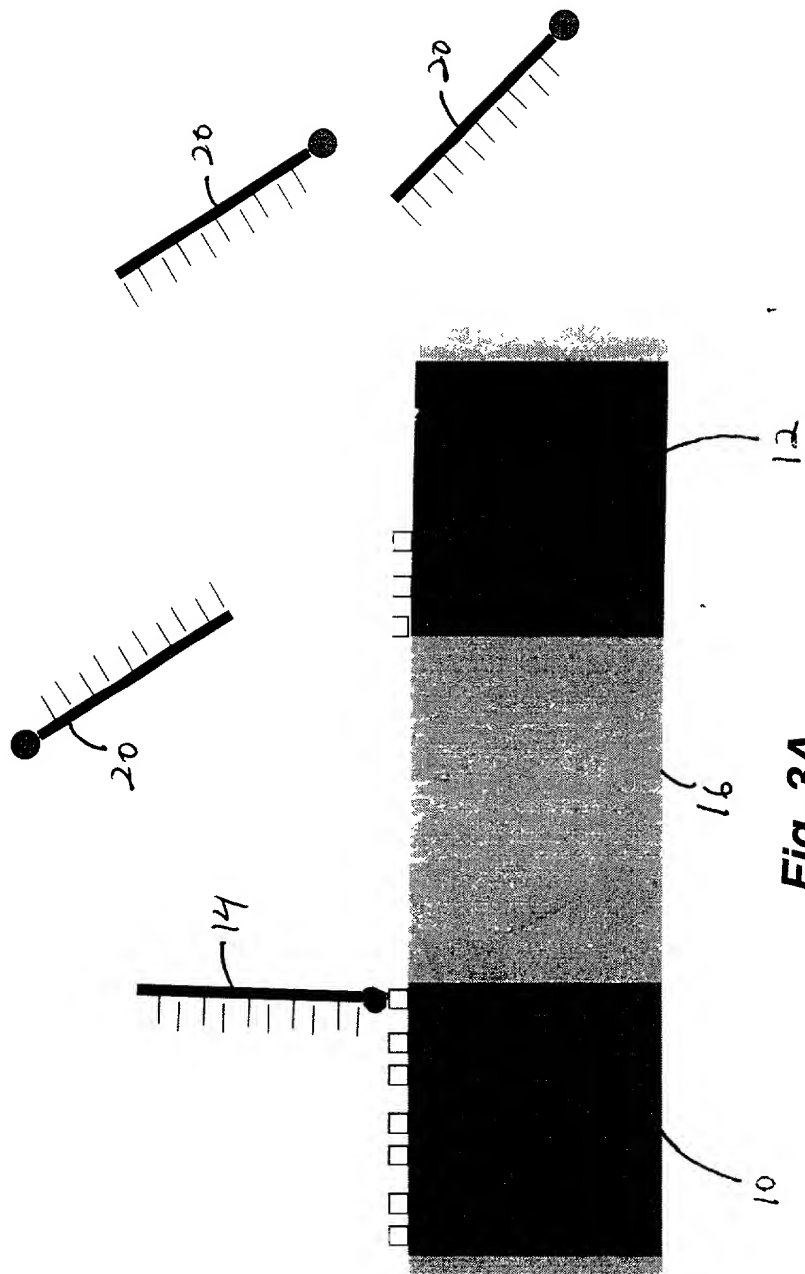


Fig. 3A

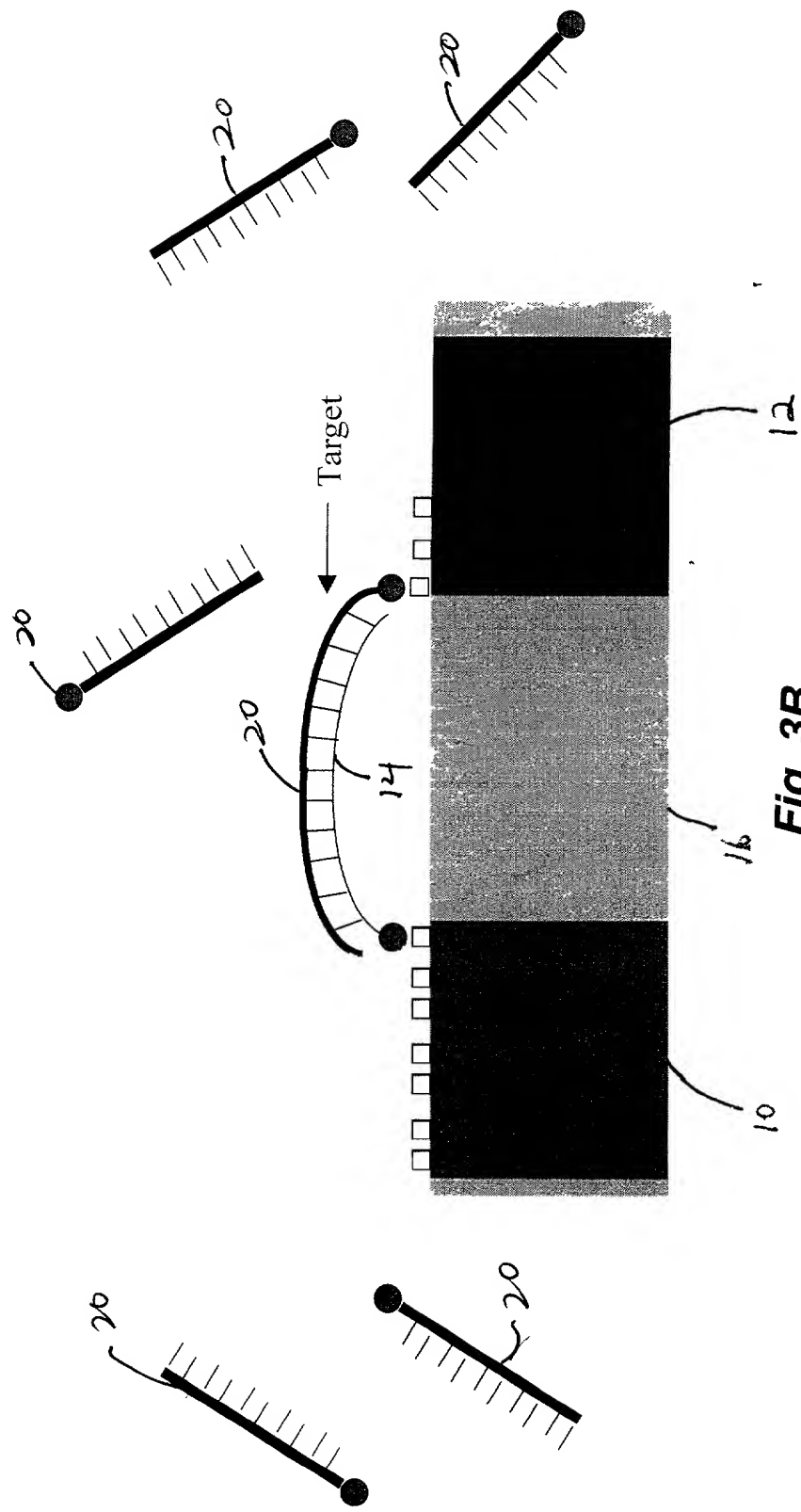
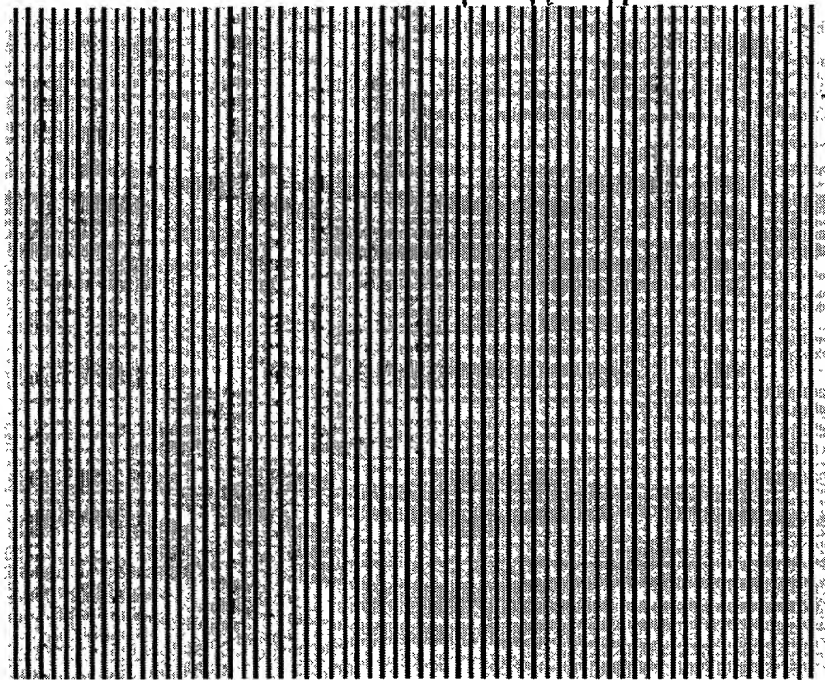


Fig. 3B

↓ Assay Flow



Alternative
Assay Flow



16
10 12
10 12



Fig. 4A

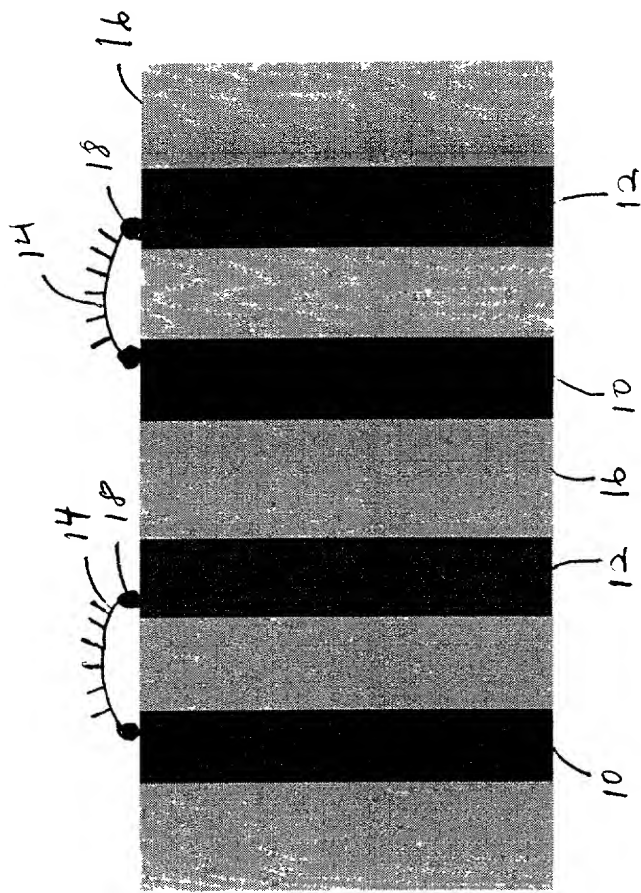


Fig. 4B

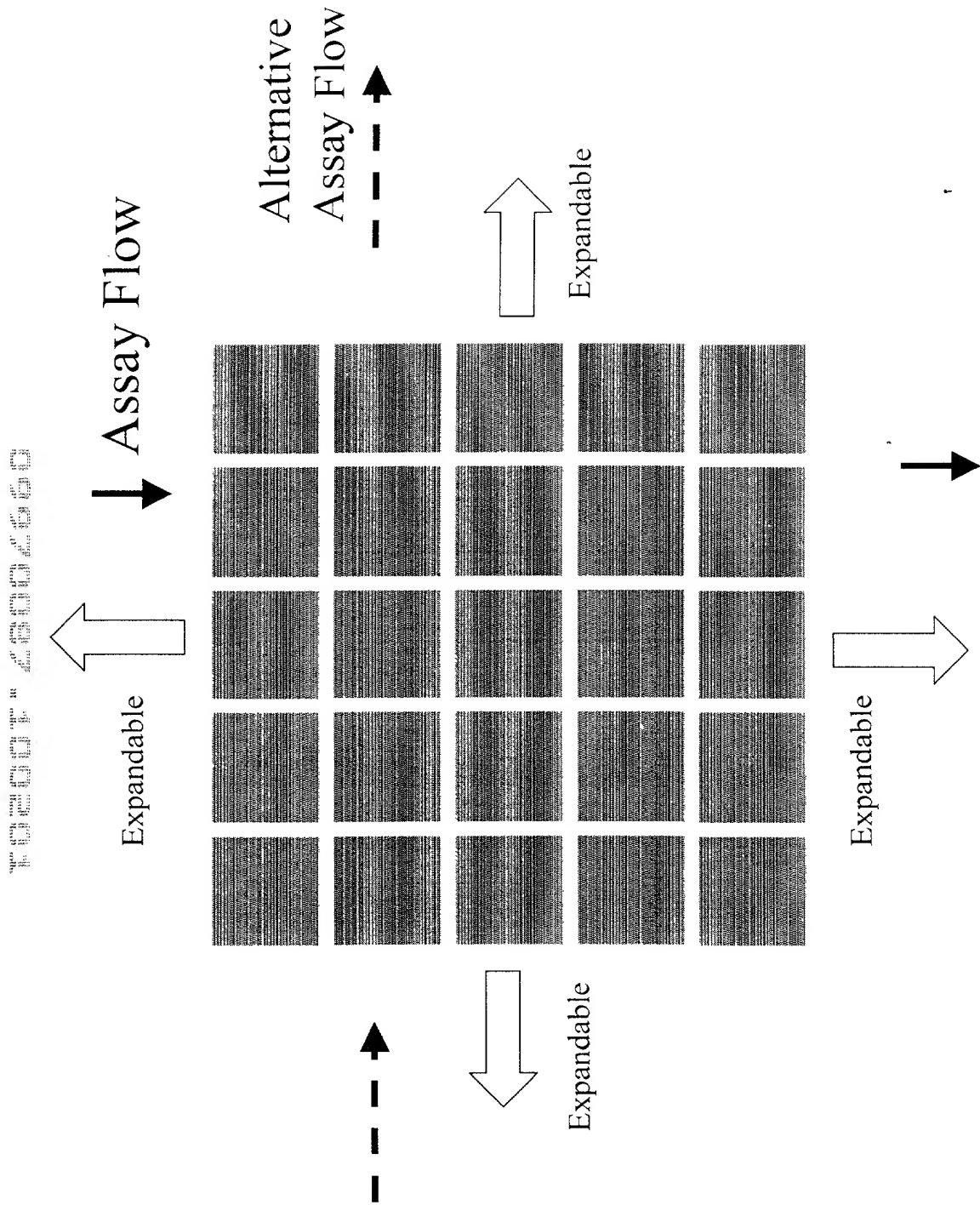


Fig. 5

FIG. 6A

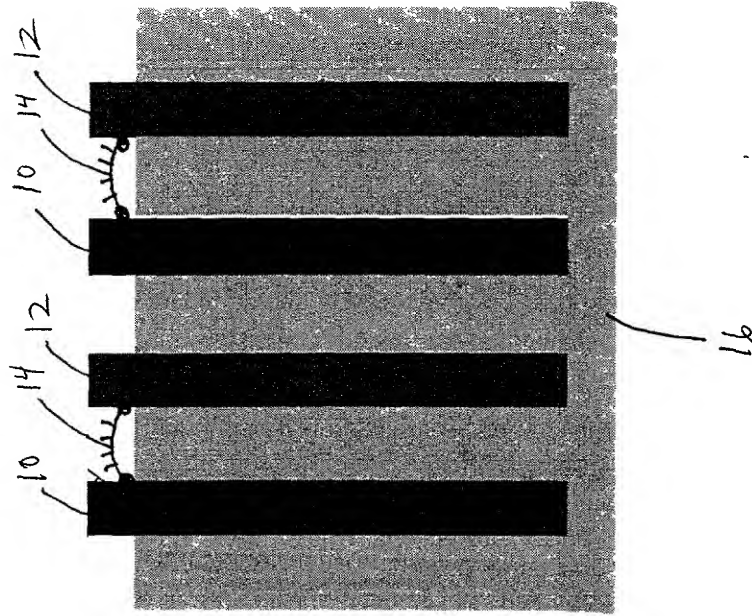


Fig. 6A

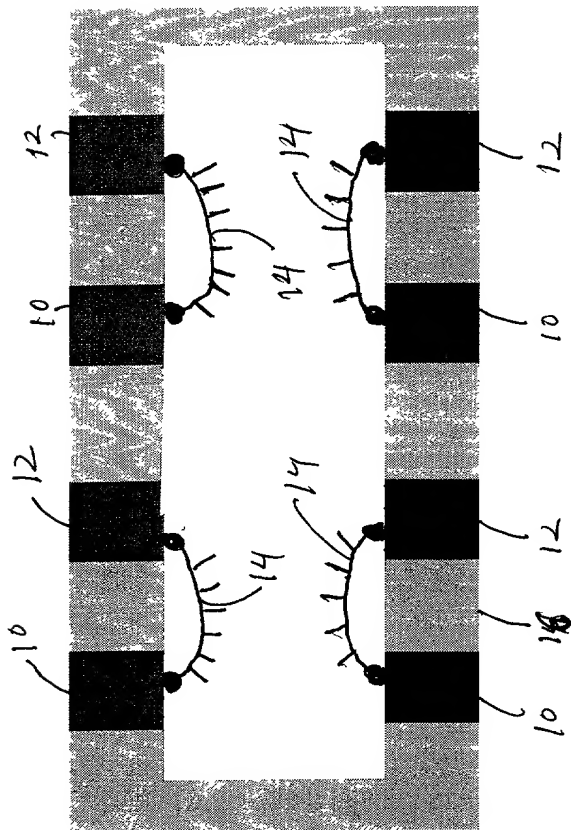


Fig. 6C

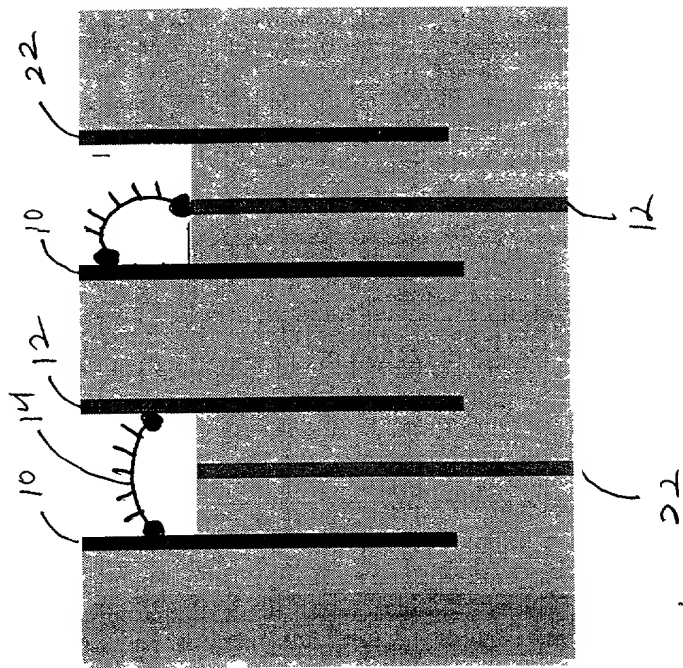


Fig. 6B

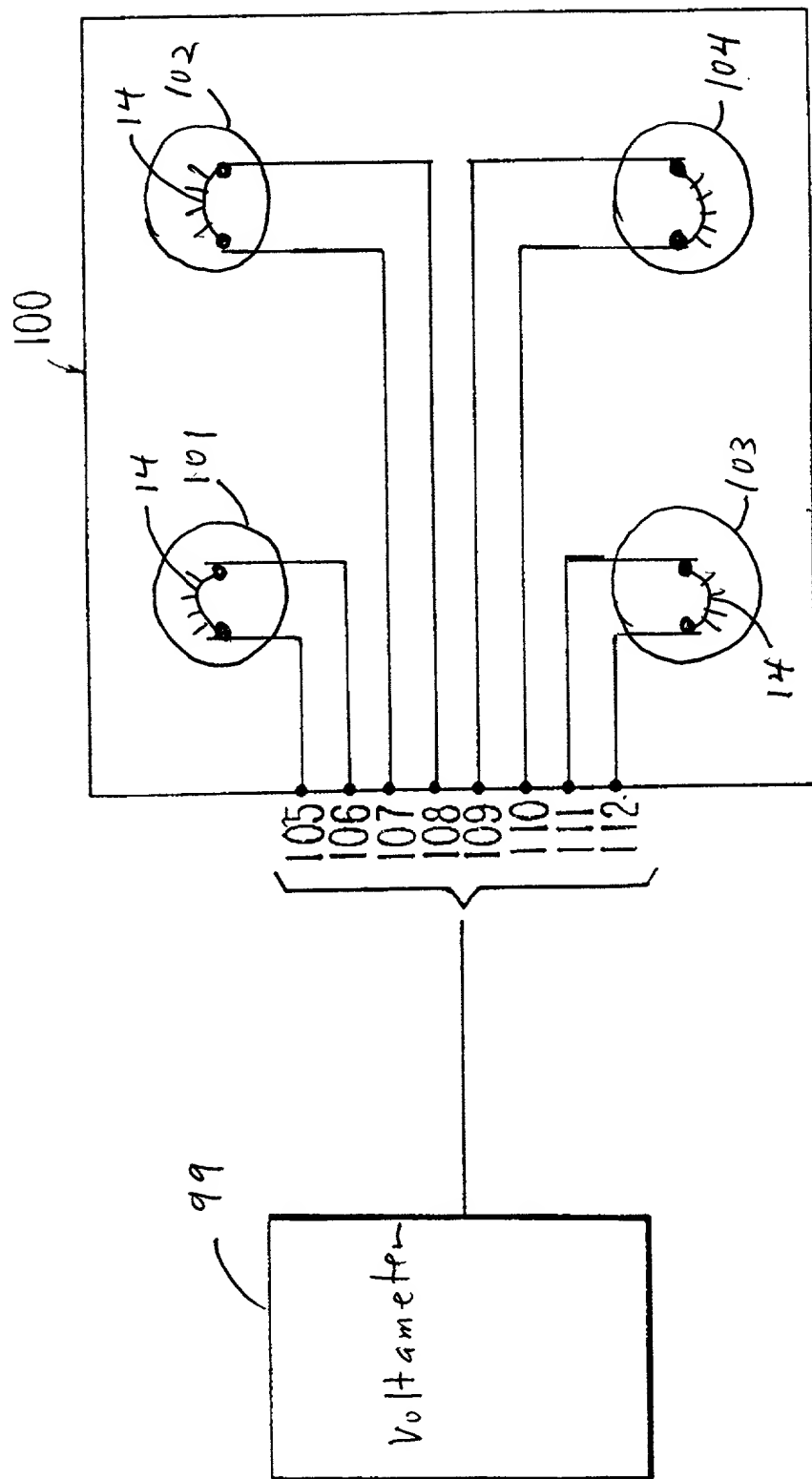


Fig. 7

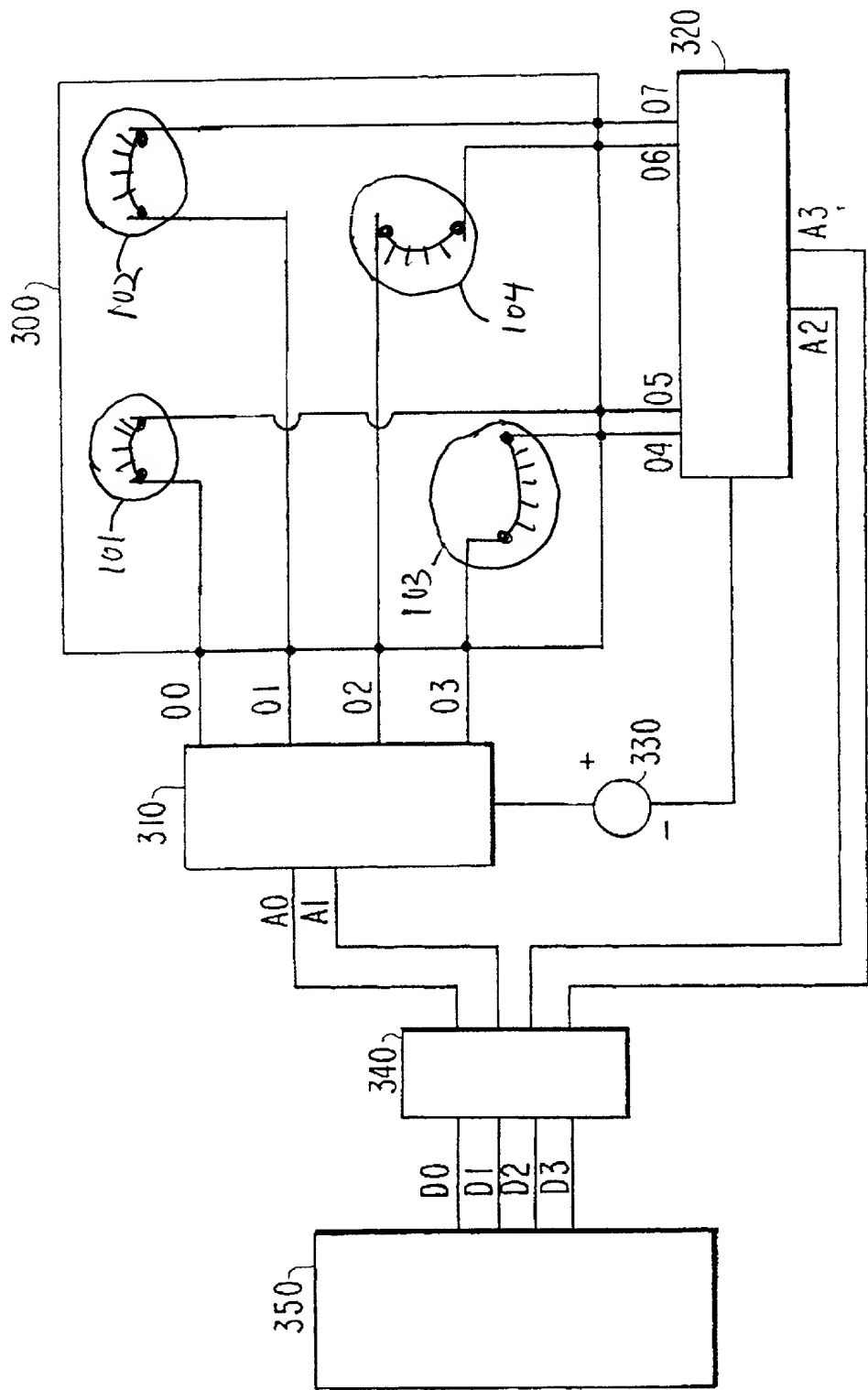


Fig. 9

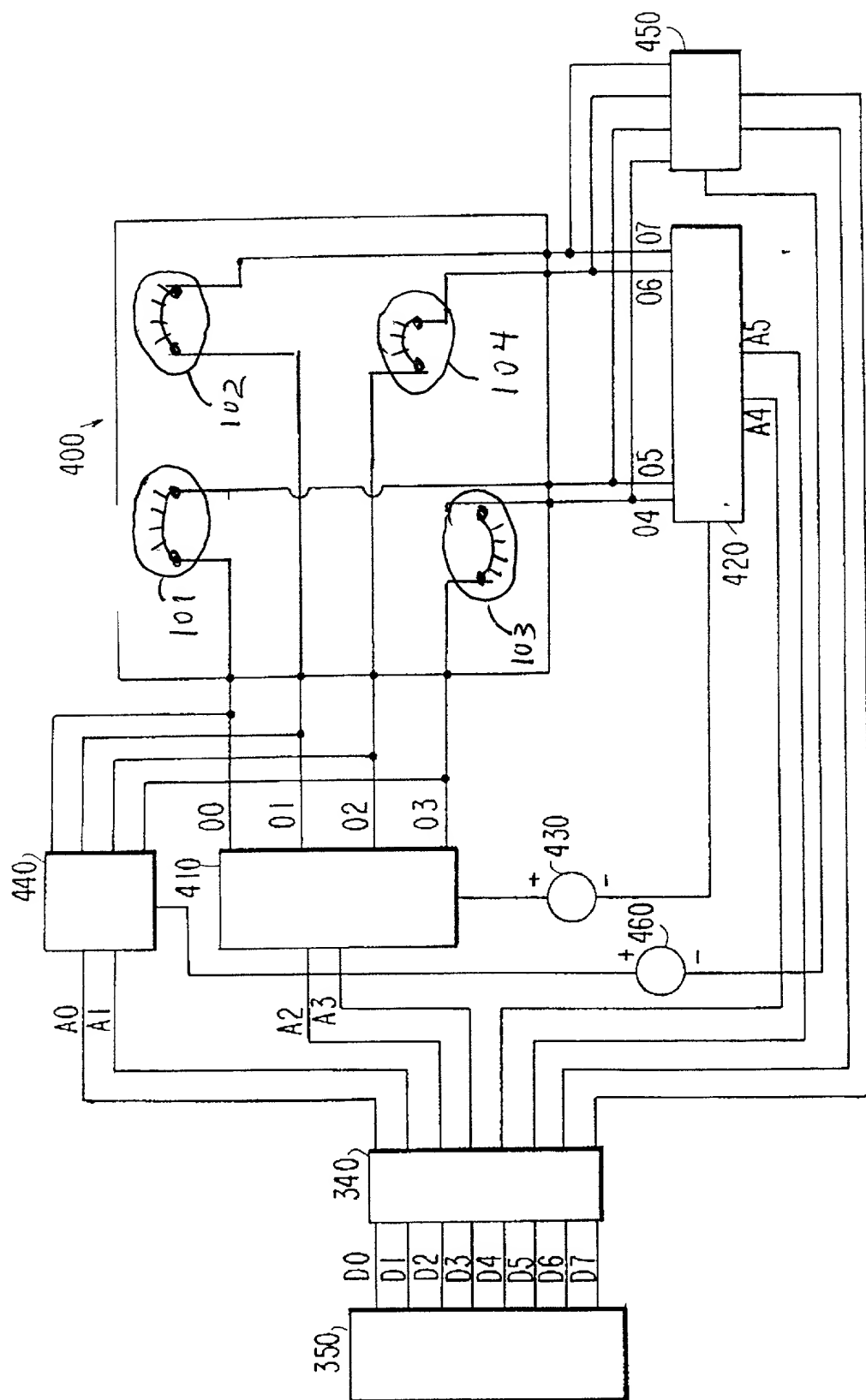


Fig. 10

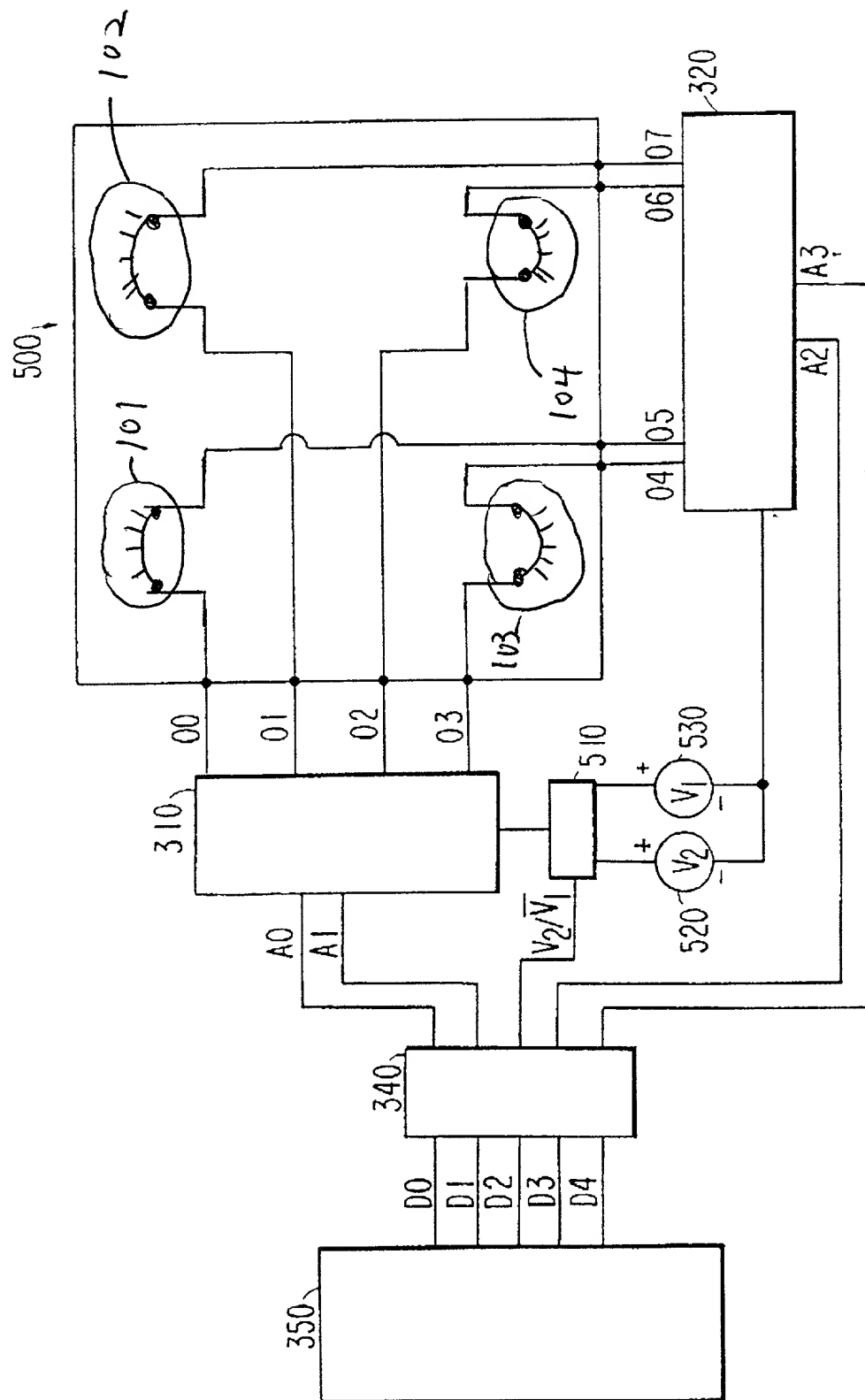
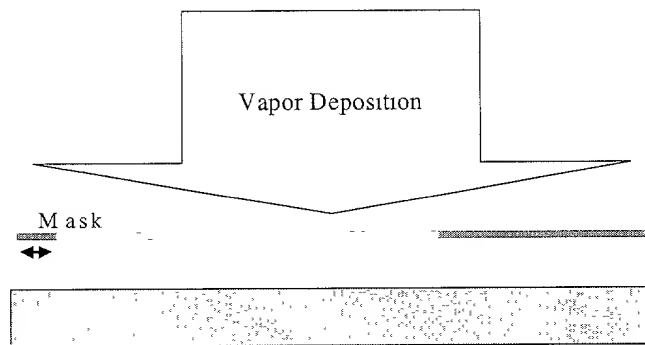
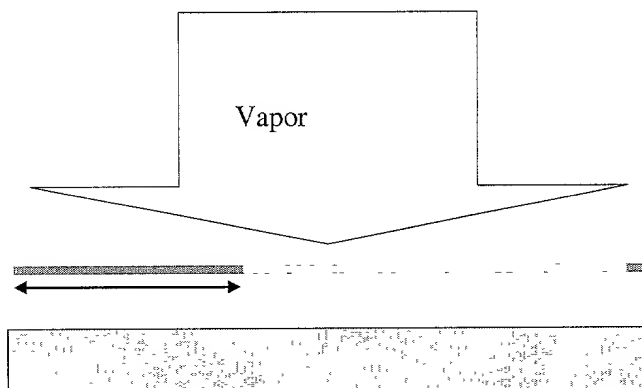


Fig. 11



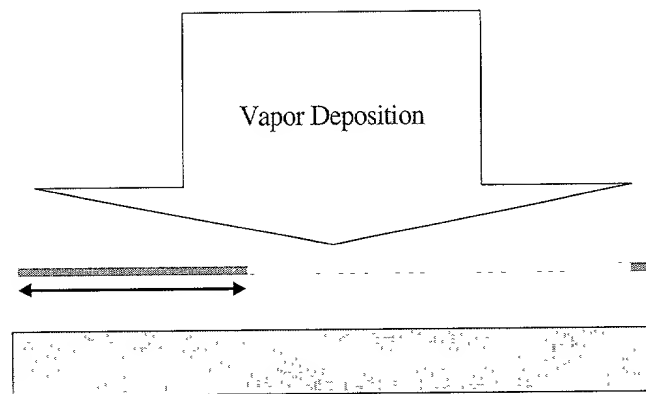
Conductor 1 position deposition mask

Fig. 12A



Conductor 2 position deposition

Fig. 12B



Conductor 2 position deposition mask

Fig. 12C

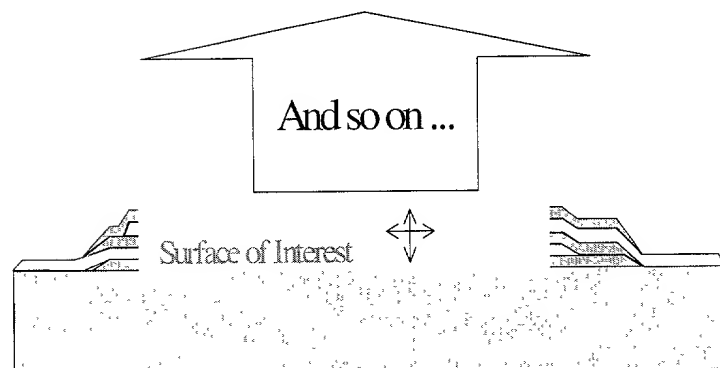


Fig. 12D

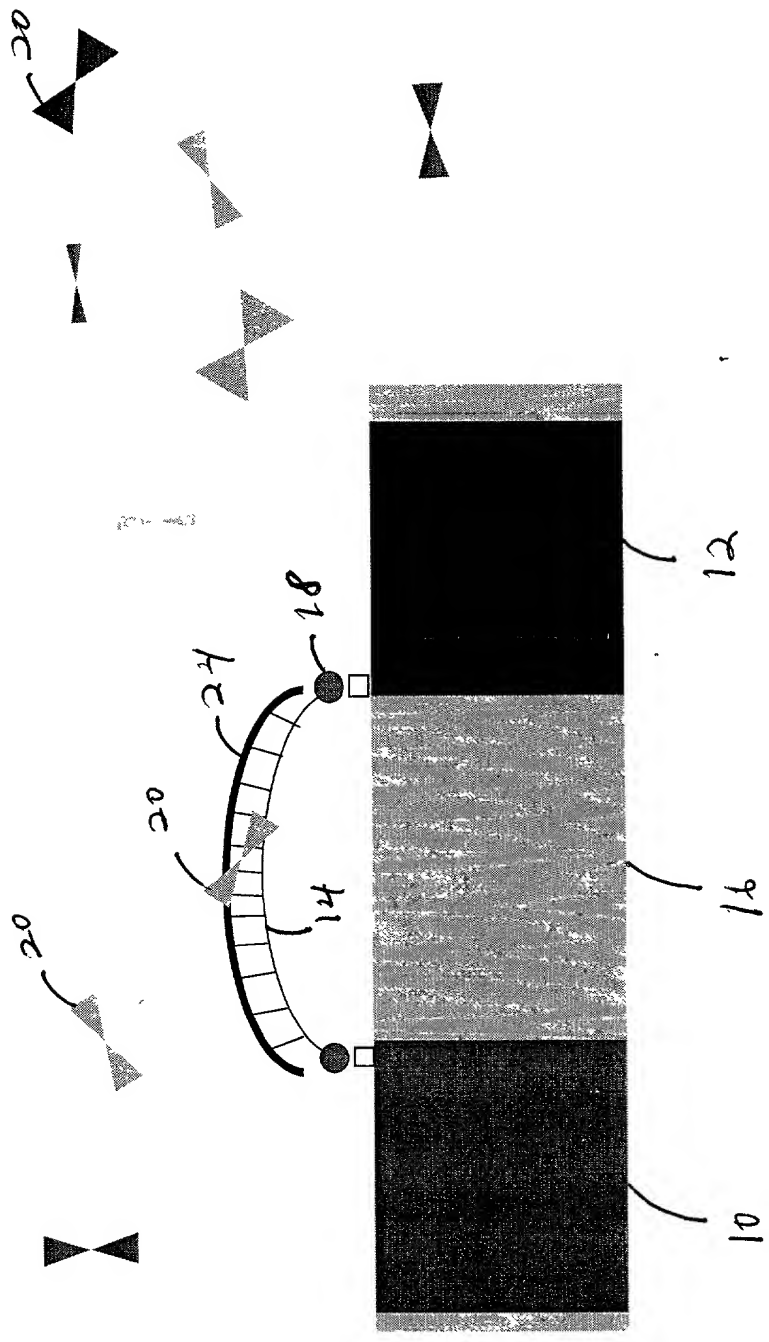


Fig. 13